

MS: Mobile Station
 BTS: Base Station Transceiver Subsystem
 BSC: Base Station Controller
 MSC: Mobile Switching Center
 GW: Gateway Exchange
 SU: Subscriber Unit
 LE: Local Exchange
 PSTN: Public Switched Telephone Network

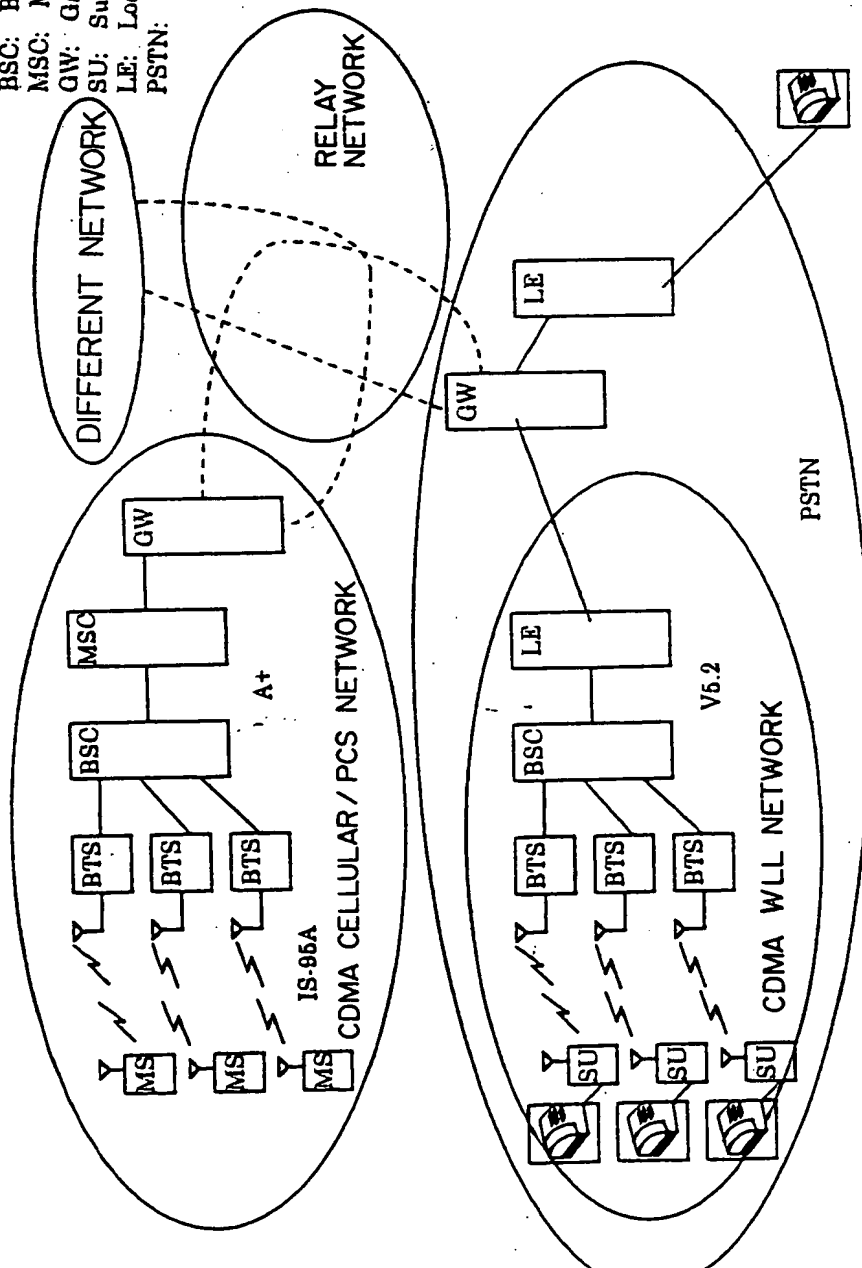


FIG. 1 PRIOR ART

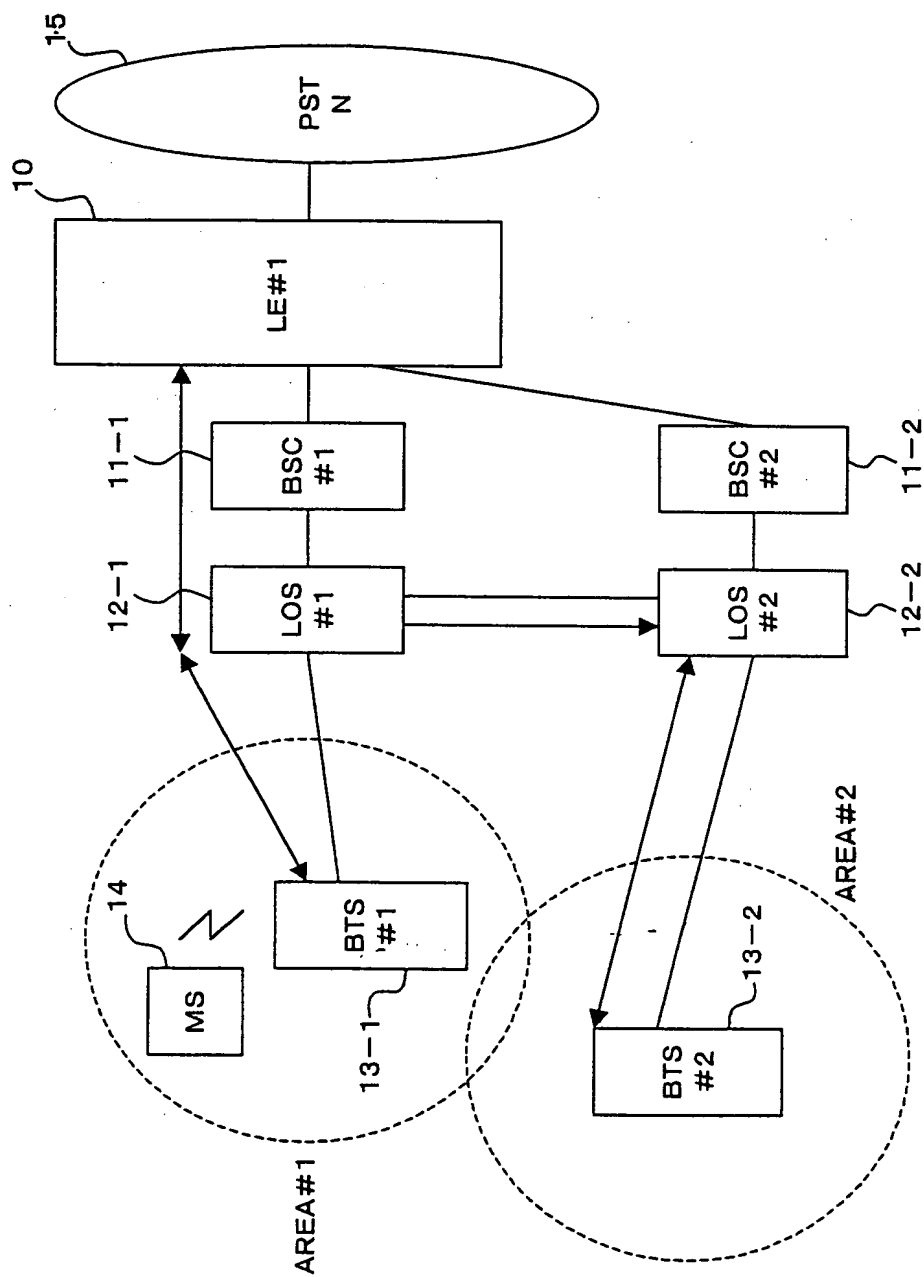


FIG. 3

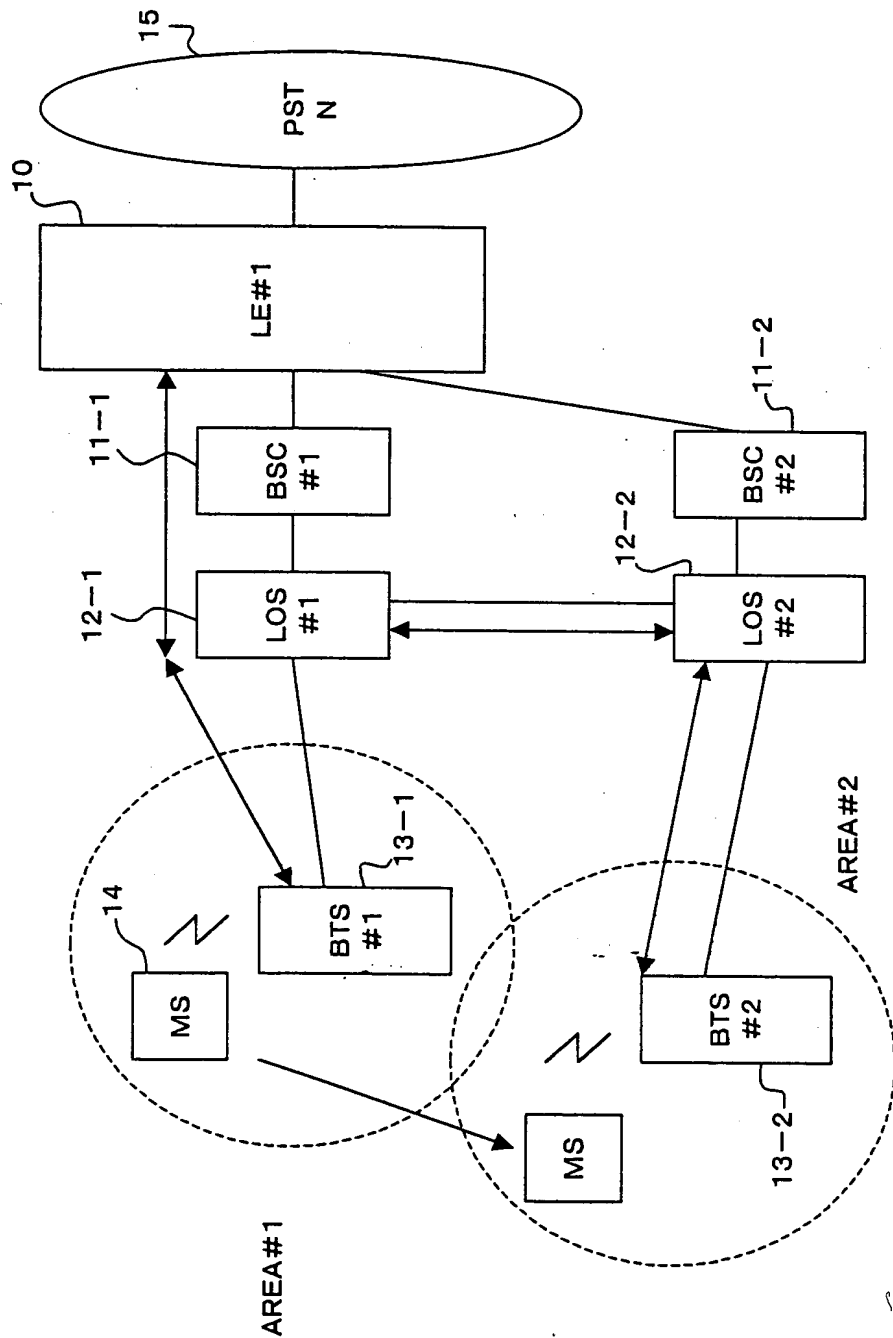


FIG. 4

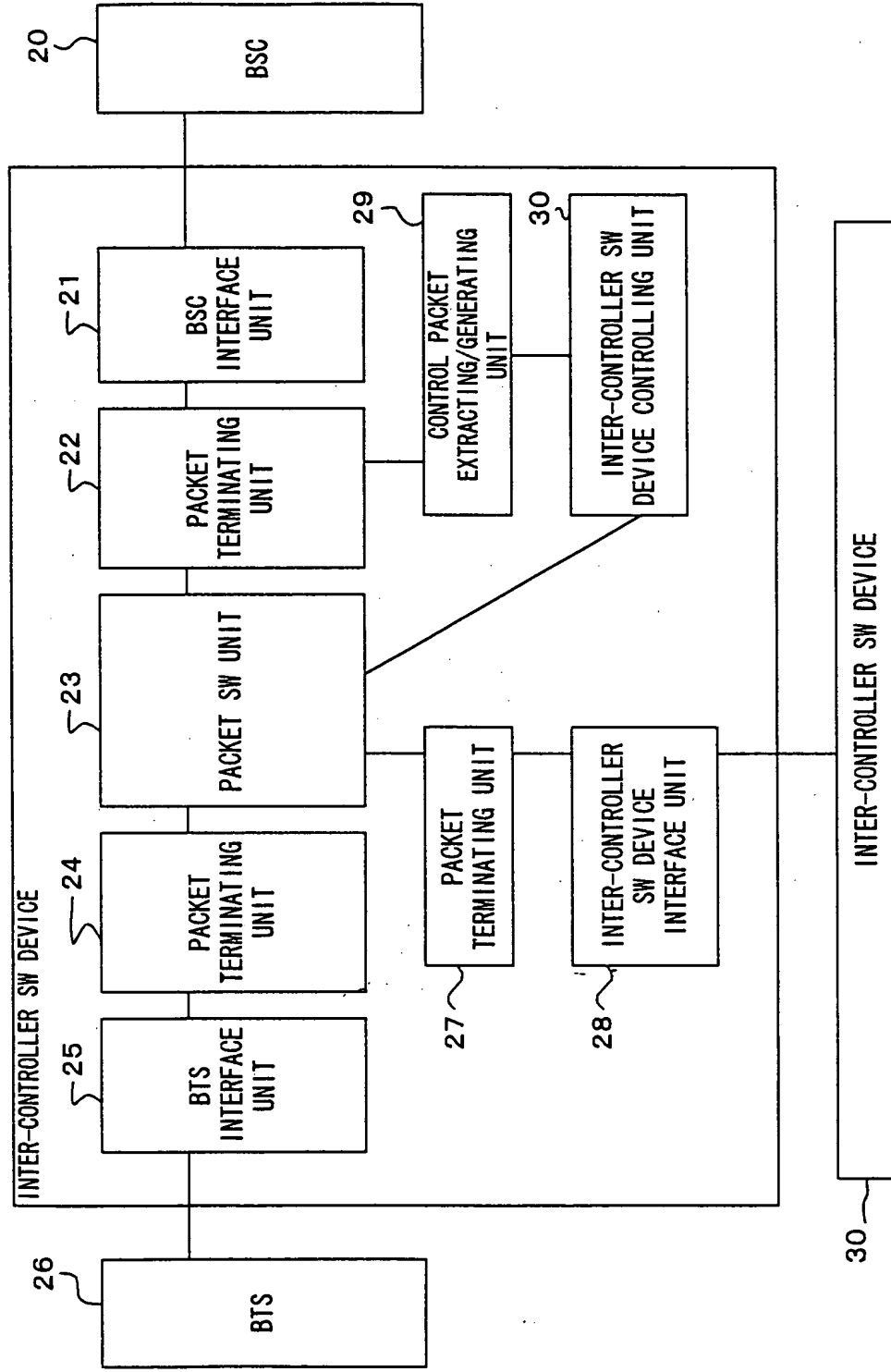


FIG. 5

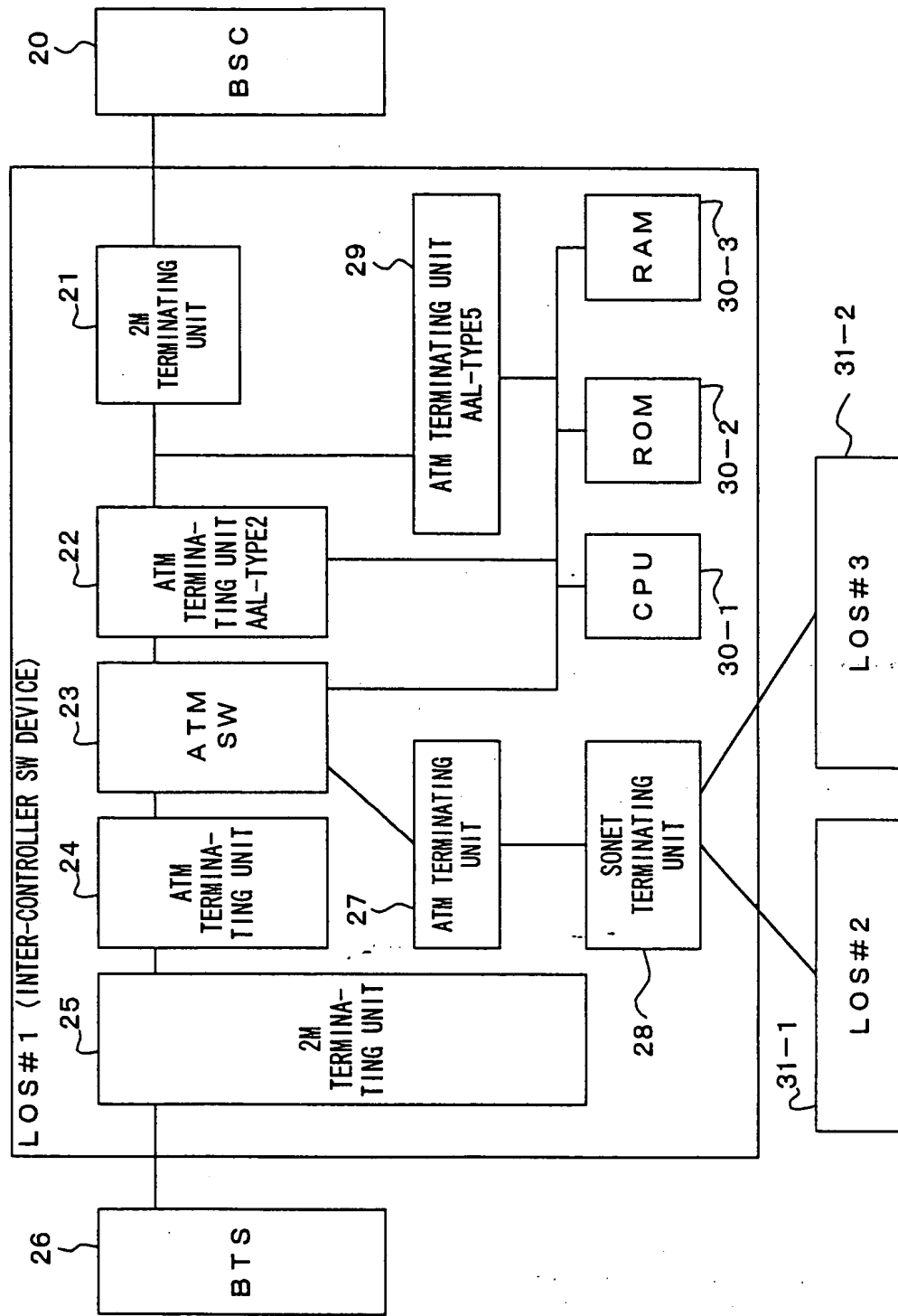


FIG. 6

0001955 07404
101620 55661000

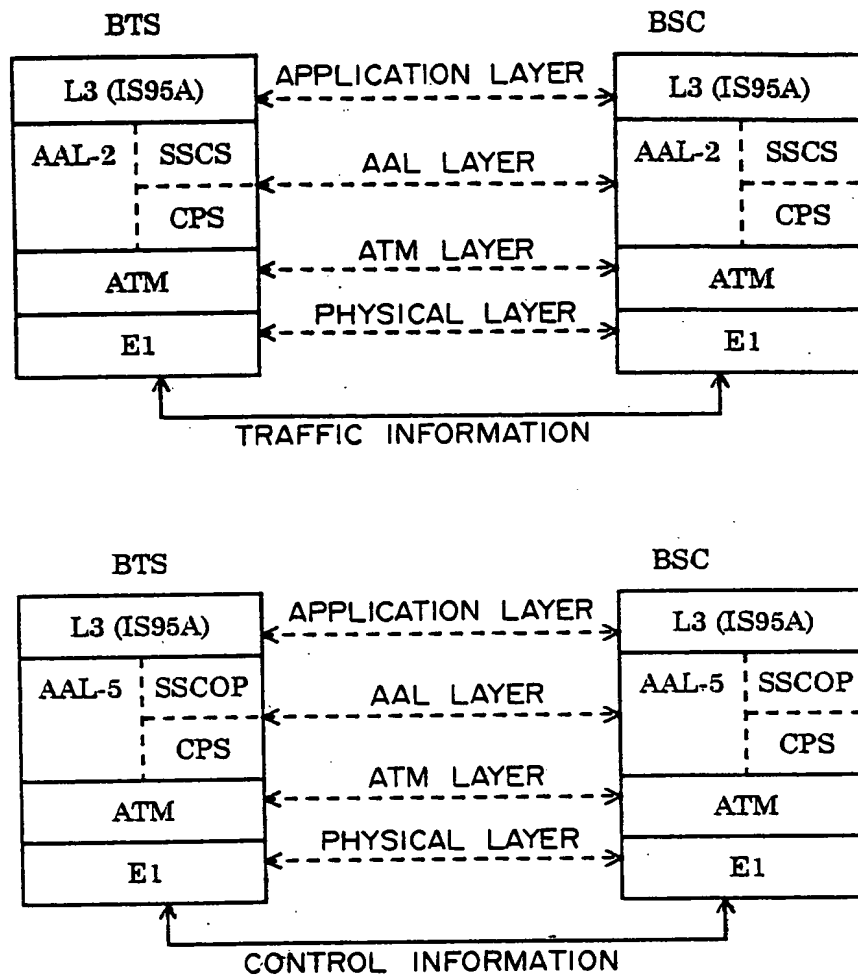


FIG. 7

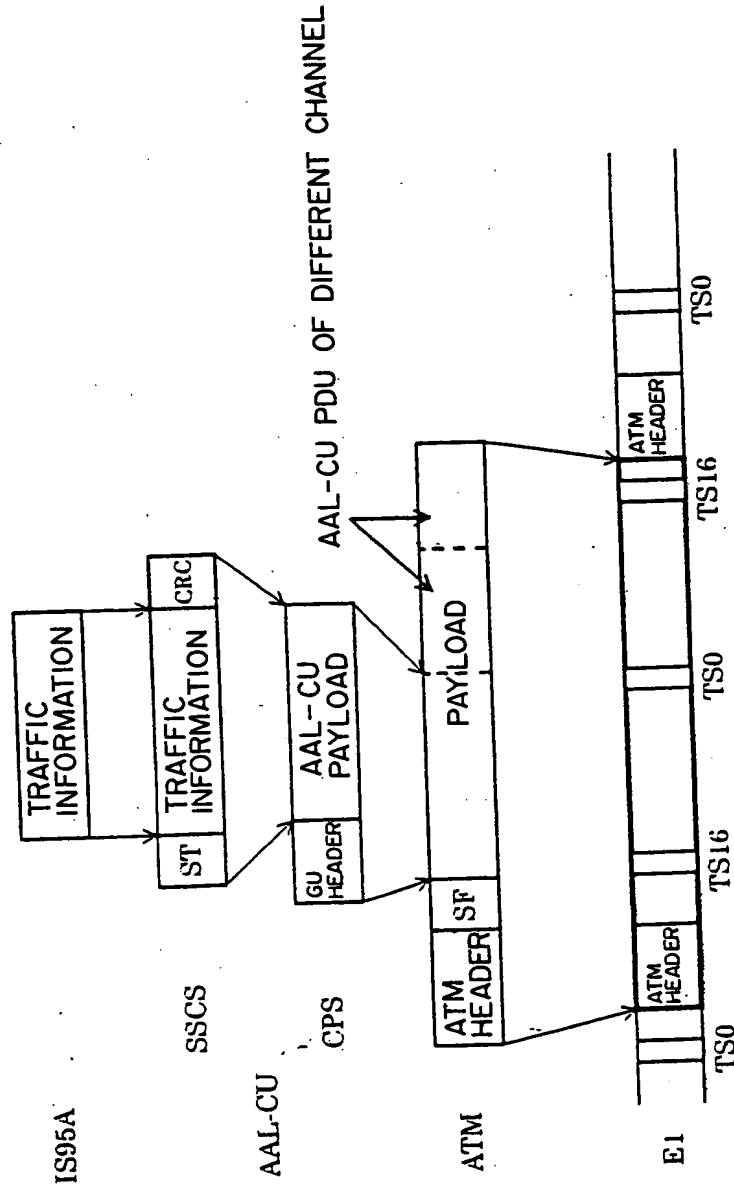


FIG. 8

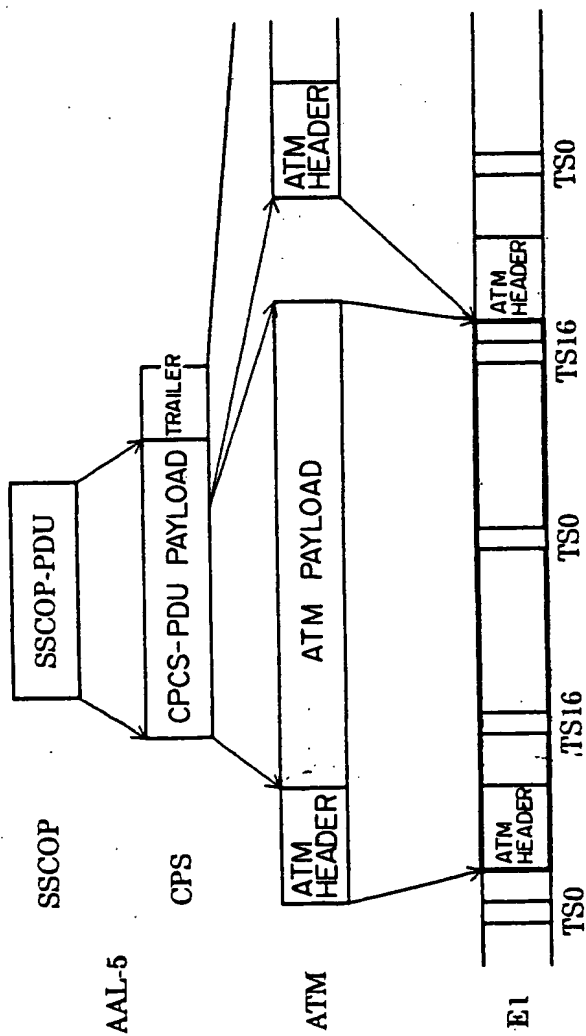


FIG. 9

0004955 5555555

| FIELD NAME | CONTENTS |
|--|---|
| GFC (Generic Flow Control) | FIELD FOR NETWORK TRAFFIC CONTROL IN UNI. SPECIFIC CONTROL IS NOW UNDER STUDY. "0000" IS SET IN THIS SYSTEM. |
| VCI/VPI (Virtual Patch Identifier /Virtual Channel Identifier) | FIELD FOR SETTING ROUTING INFORMATION OF ATM CELL. TRANSFER PATH IS DETERMINED BY COMBINING VPI AND VCI. |
| PT (Payload Type) | FIELD FOR INDICATING WHETHER INFORMATION FIELD OF ATM CELL IS EITHER USER OR CONTROL INFORMATION. ALSO USED FOR CONGESTION CONTROL OR ATM LAYER USER DISPLAY. |
| CLP (Cell Loss Priority) | SET TO "1" FOR CELL WHICH MAY BE PREFERENTIALLY DISCARDED WHEN NETWORK BECOMES CONGESTED. OTHERWISE, SET TO "0". FIXED TO "0" IN THIS SYSTEM. |
| HEC (Header Error Control) | FIELD FOR SETTING CRC CODE FOR DETECTING ERROR IN ATM HEADER GENERATING POLYNOMIAL IS x^3+x^2+x+1 |

FIG. 11

094855-072404
"072404" 55681660

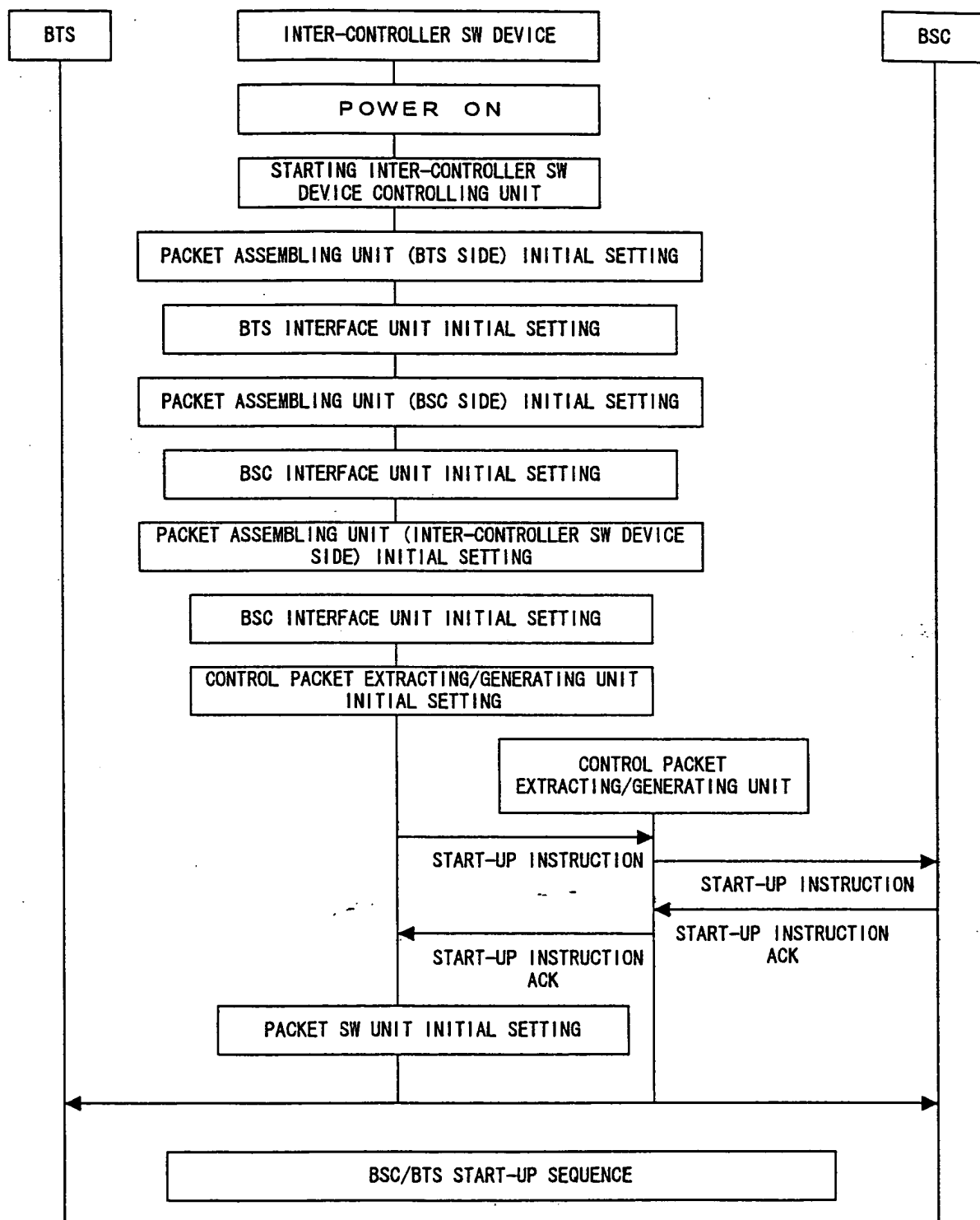


FIG. 12

FIG. 13

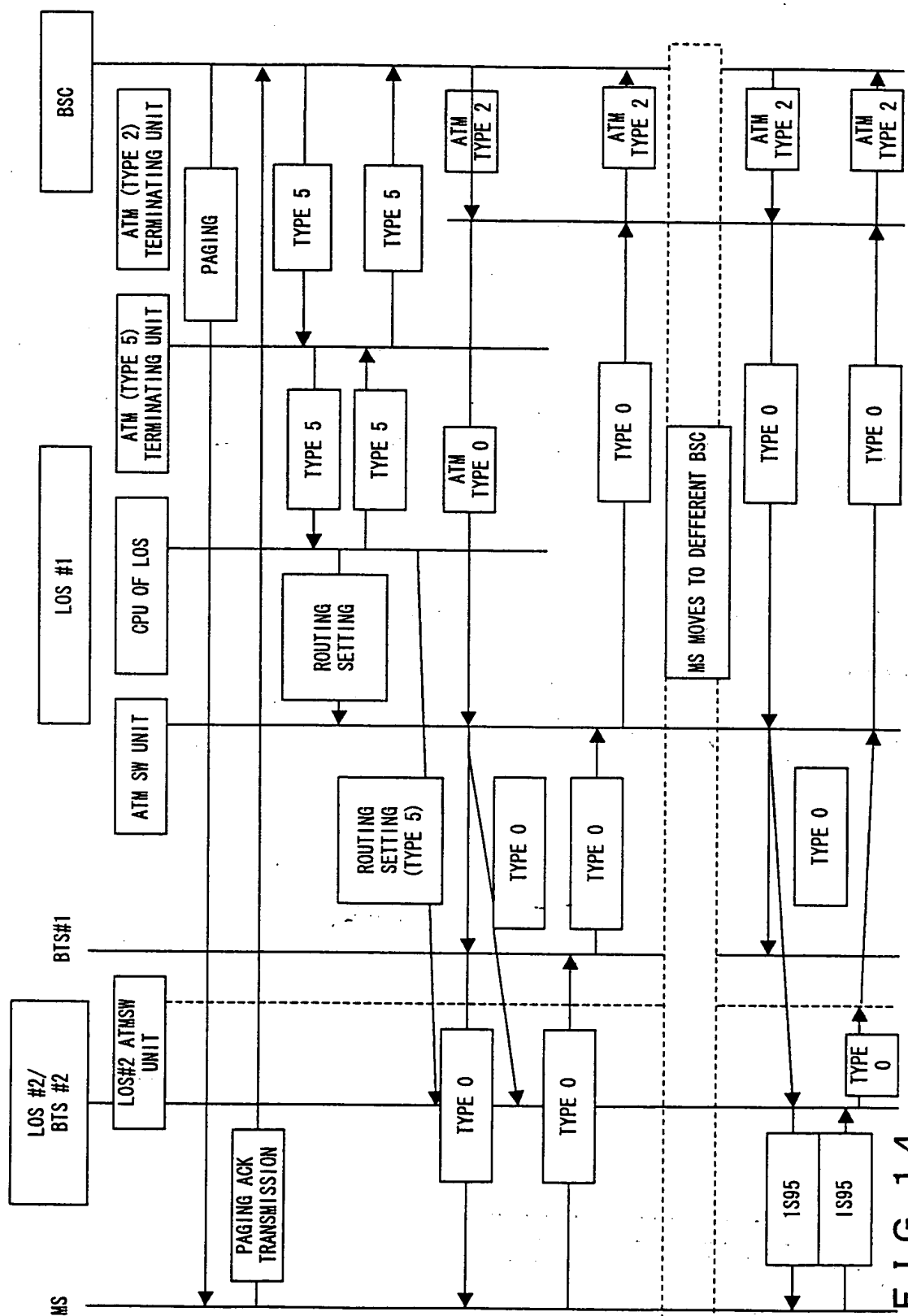


FIG. 14

0004055 072404

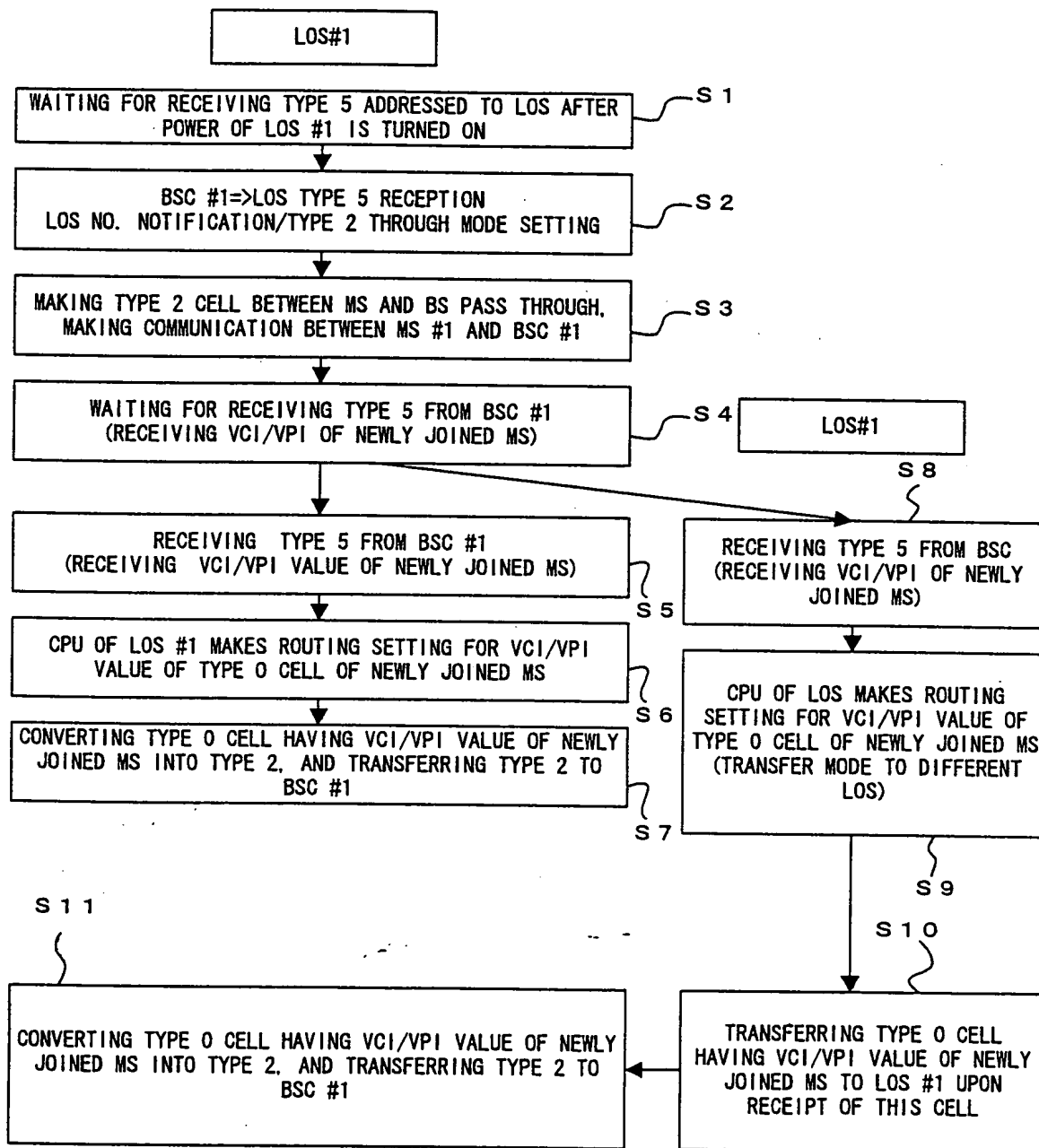


FIG. 15

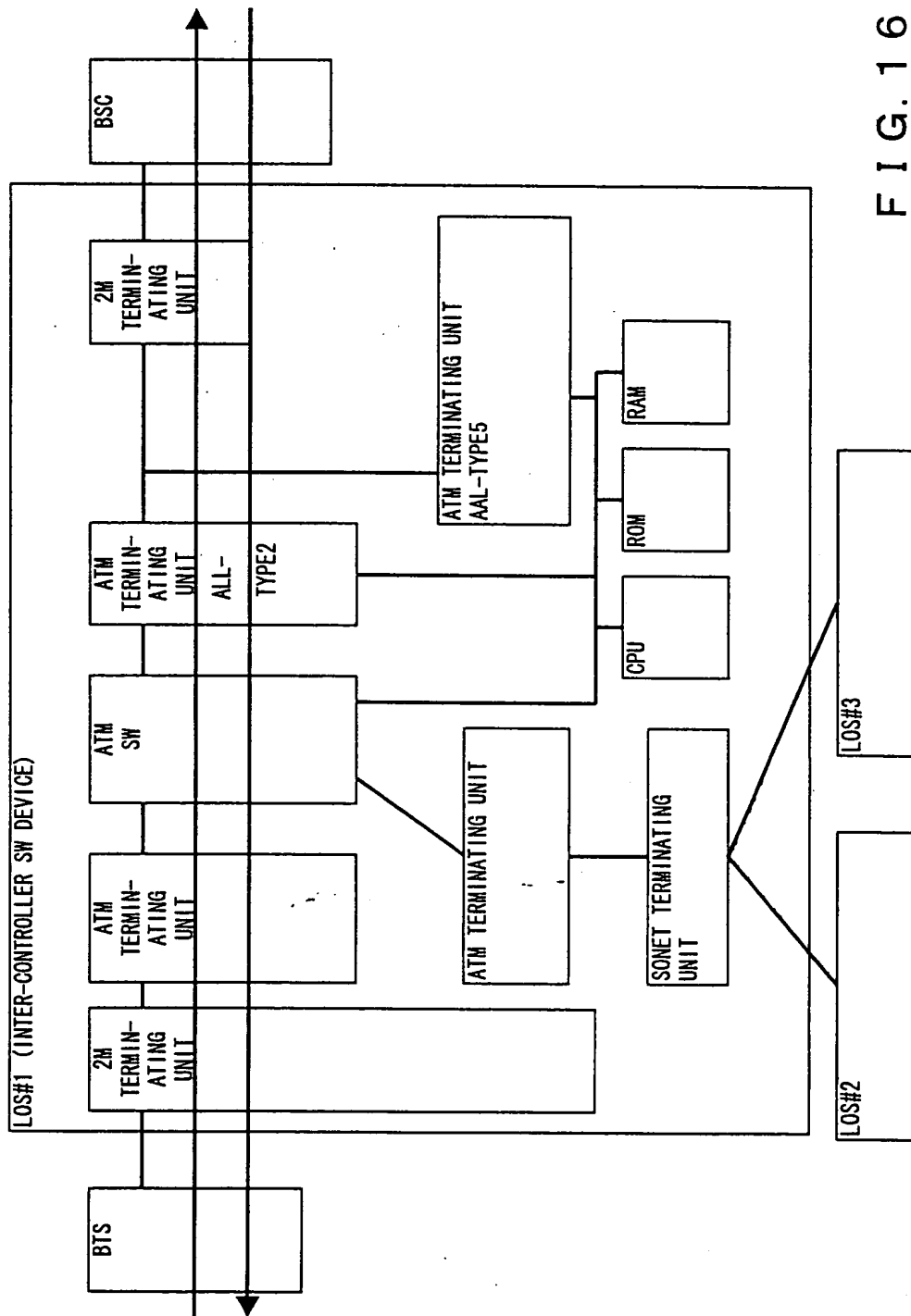
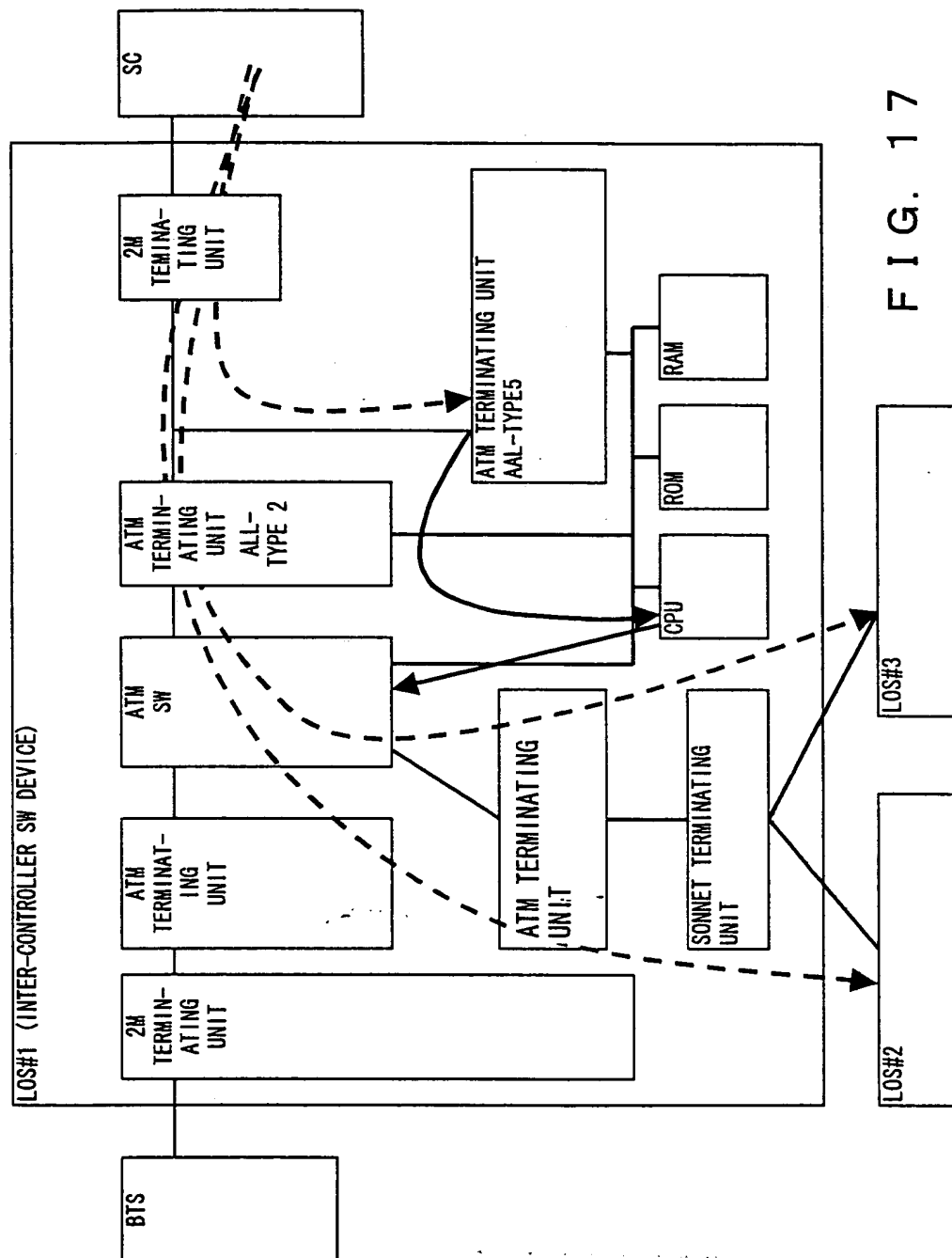


FIG. 16



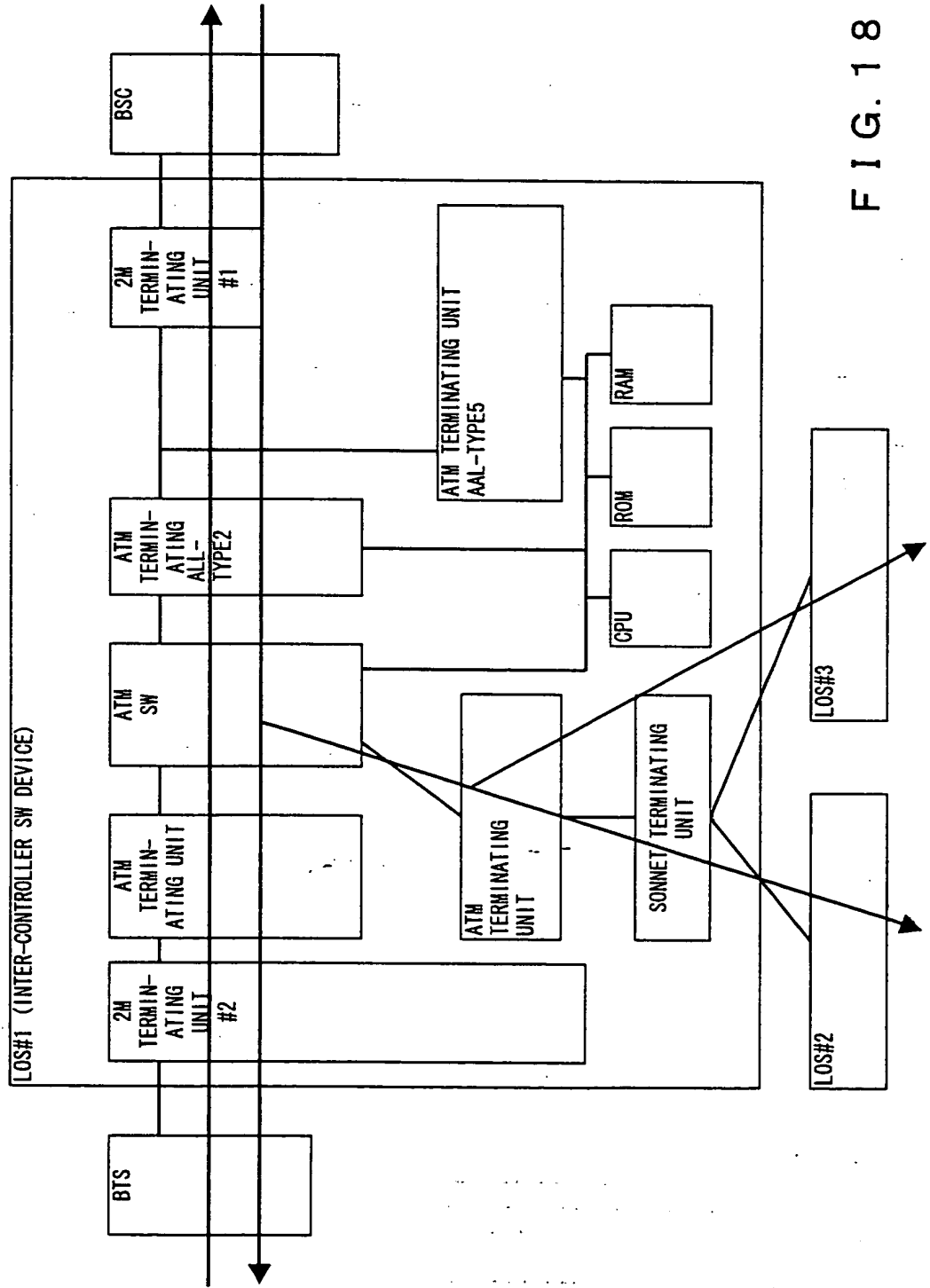


FIG. 18

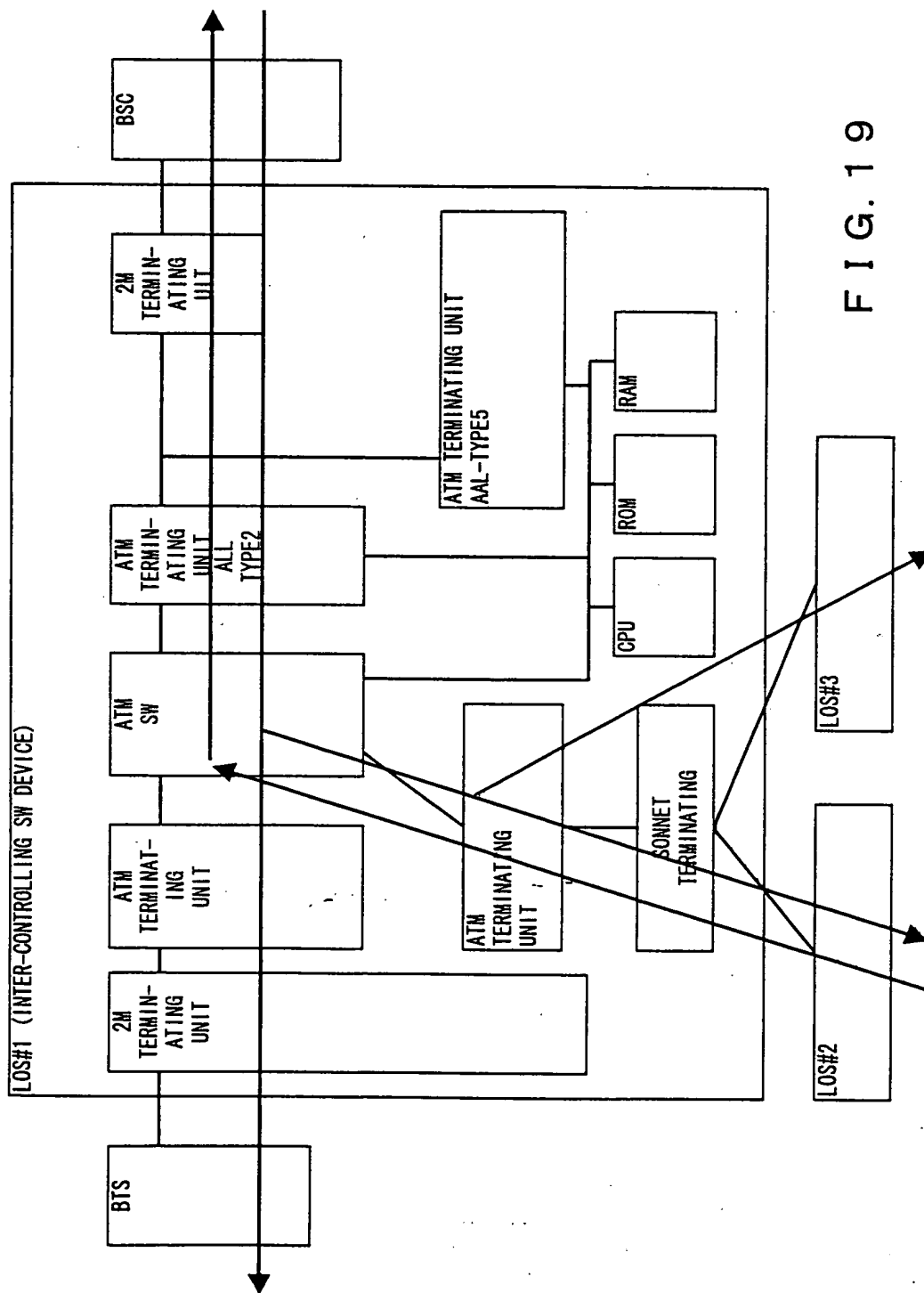


FIG. 19

00018955 073404

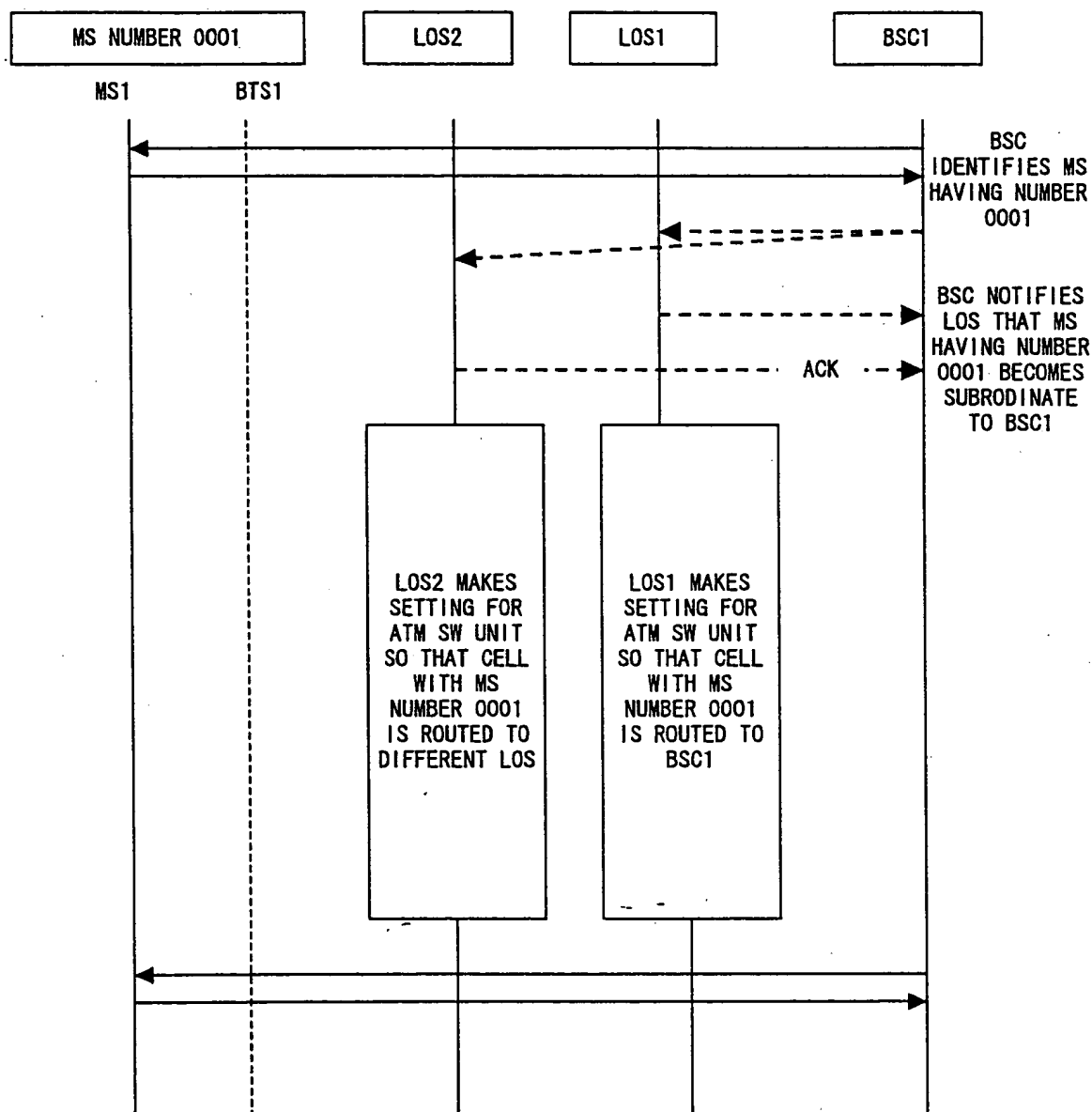


FIG. 20

00910955.073404
T07220.556466

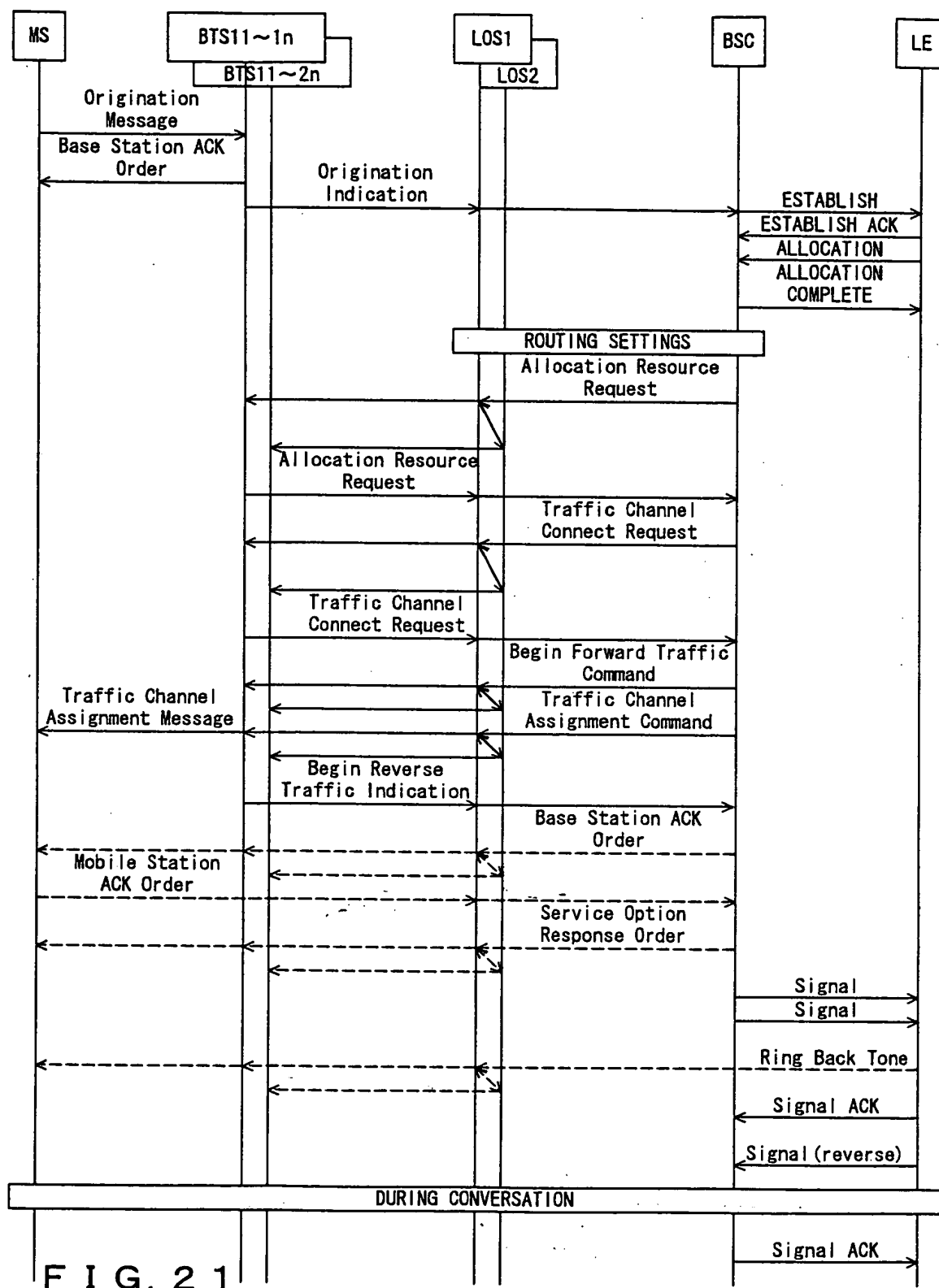
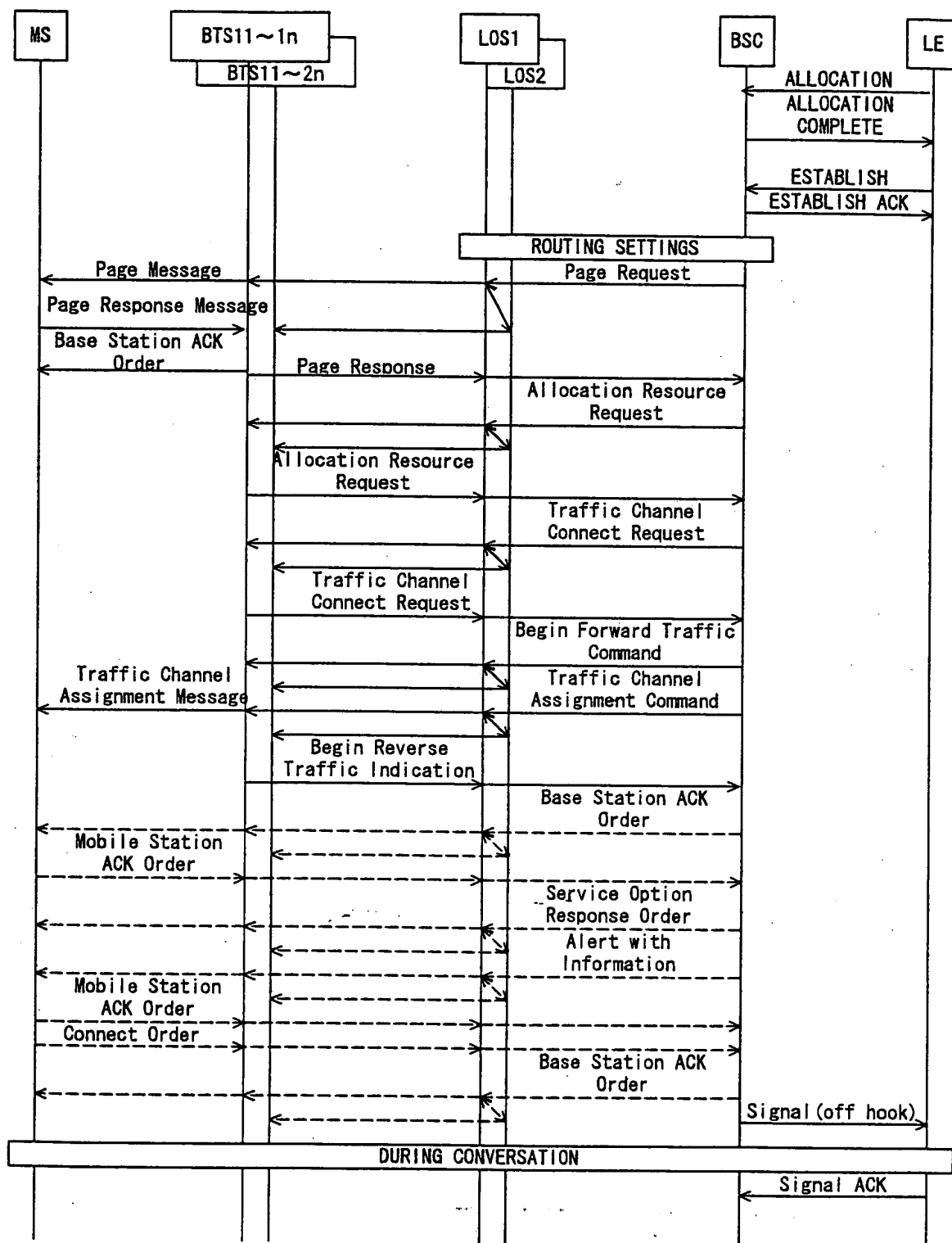


FIG. 21

00010055-022404



F I G . 2 2

00040905 073404 101220 55064000

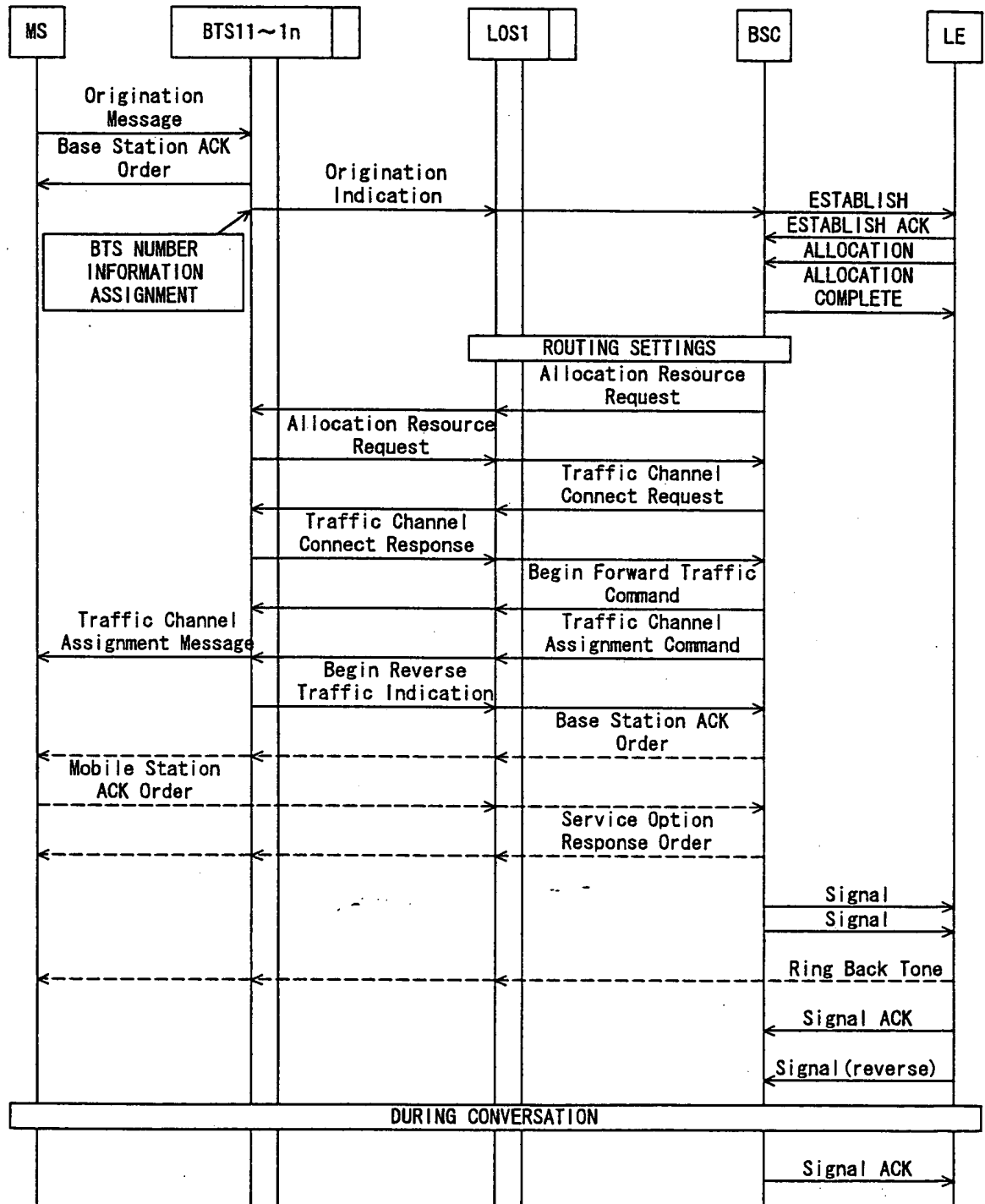


FIG. 23

0004055 072404

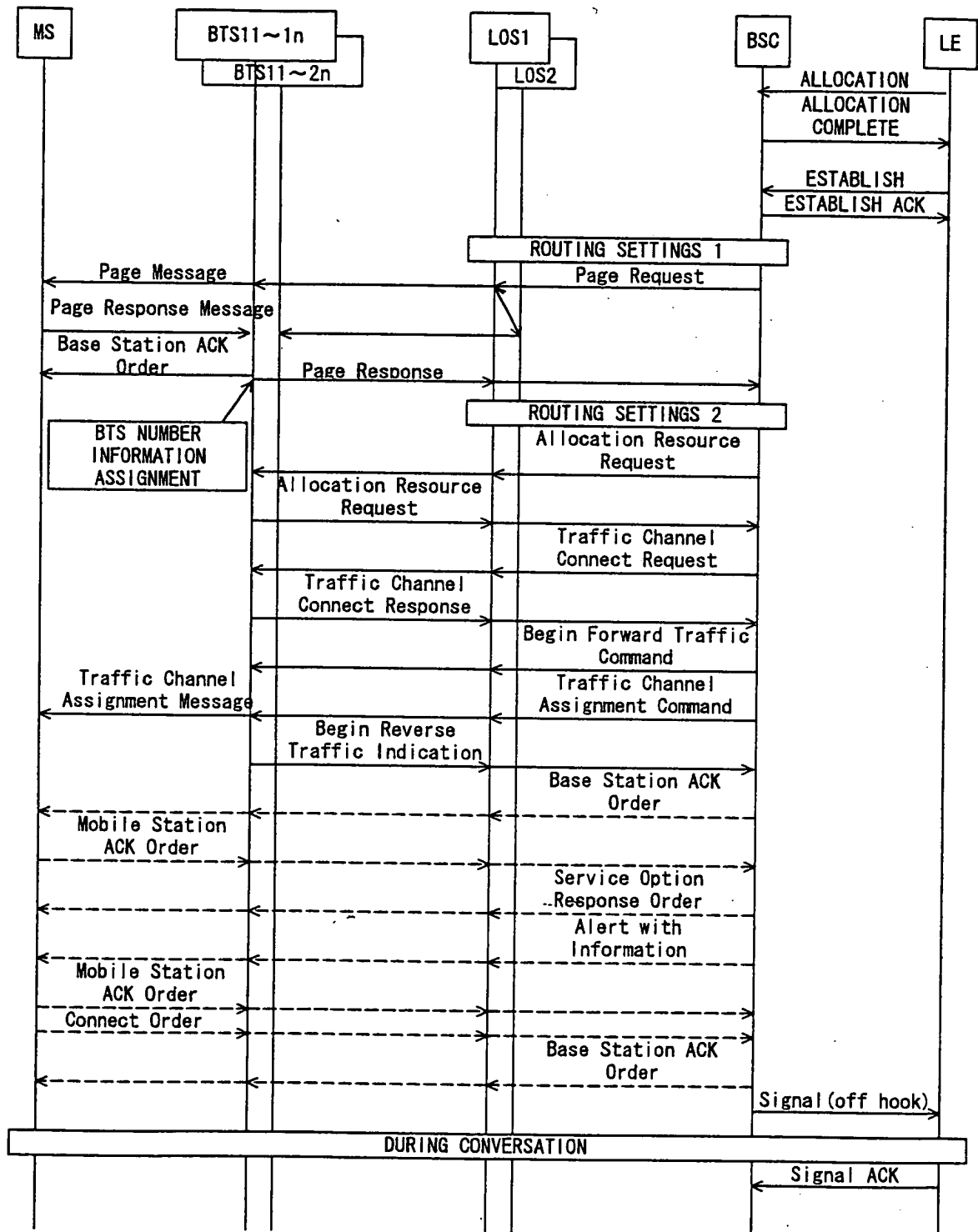


FIG. 24

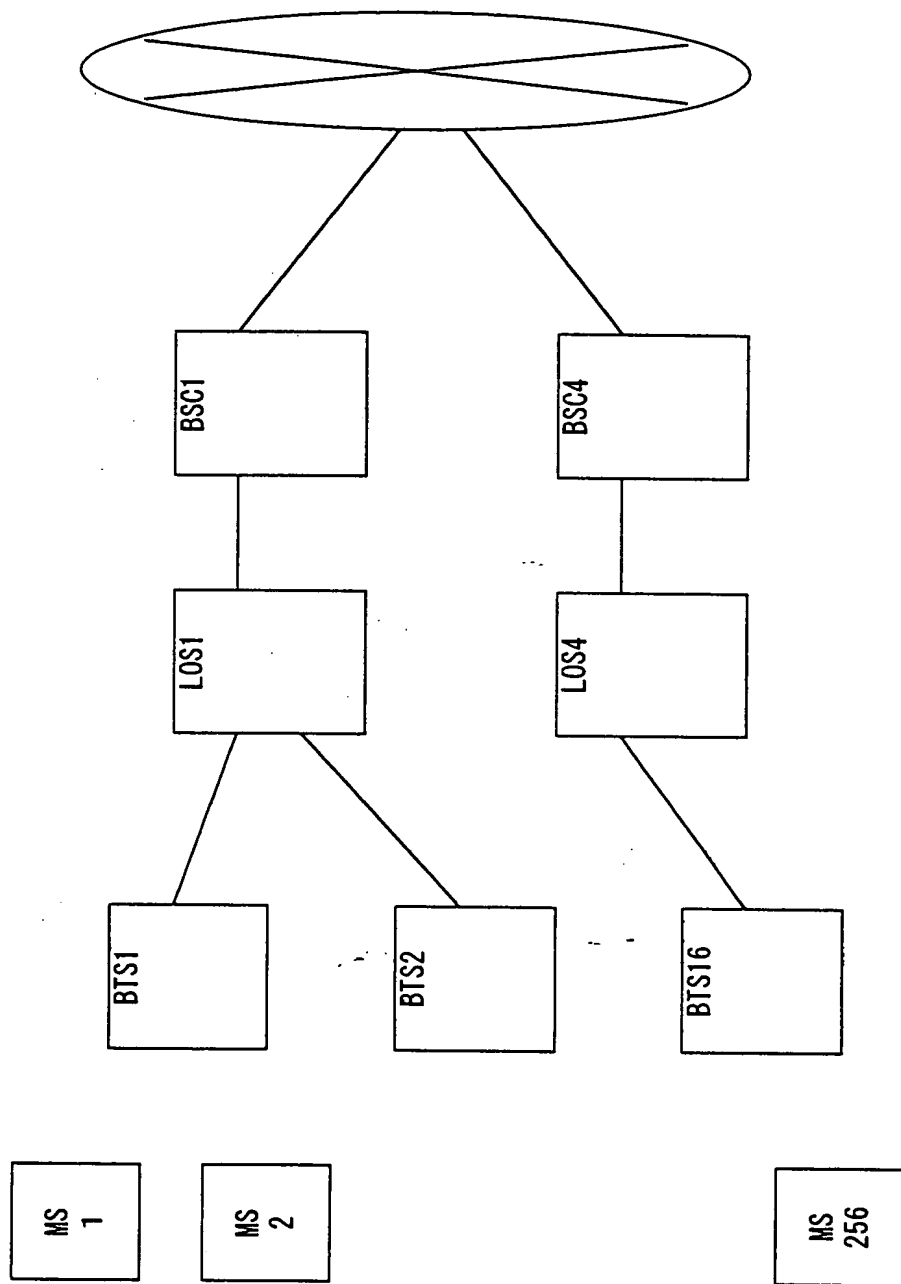


FIG. 25

0004055 072404
F0F20 550700

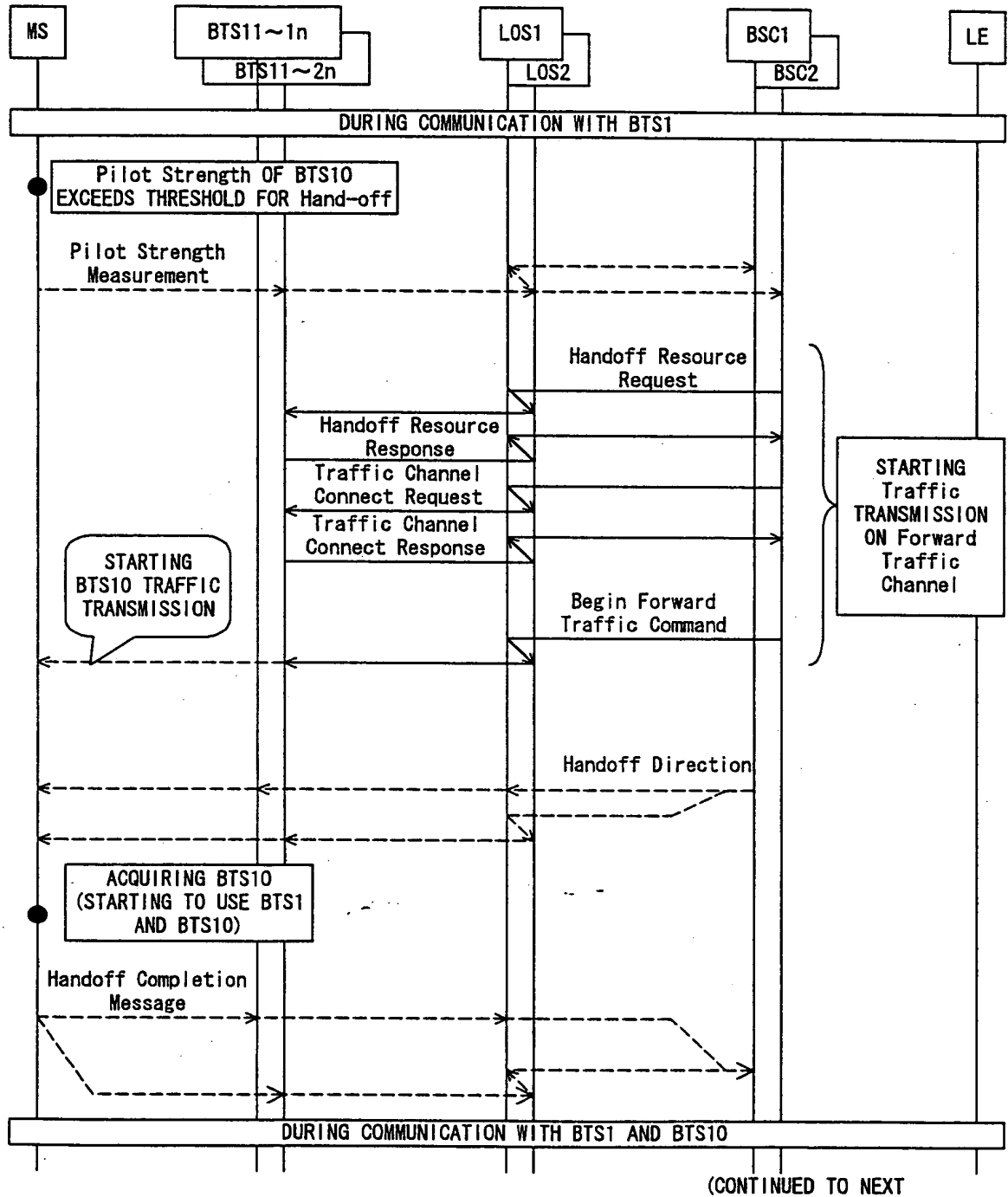


FIG. 26

00010955 073404 101E20 55081600

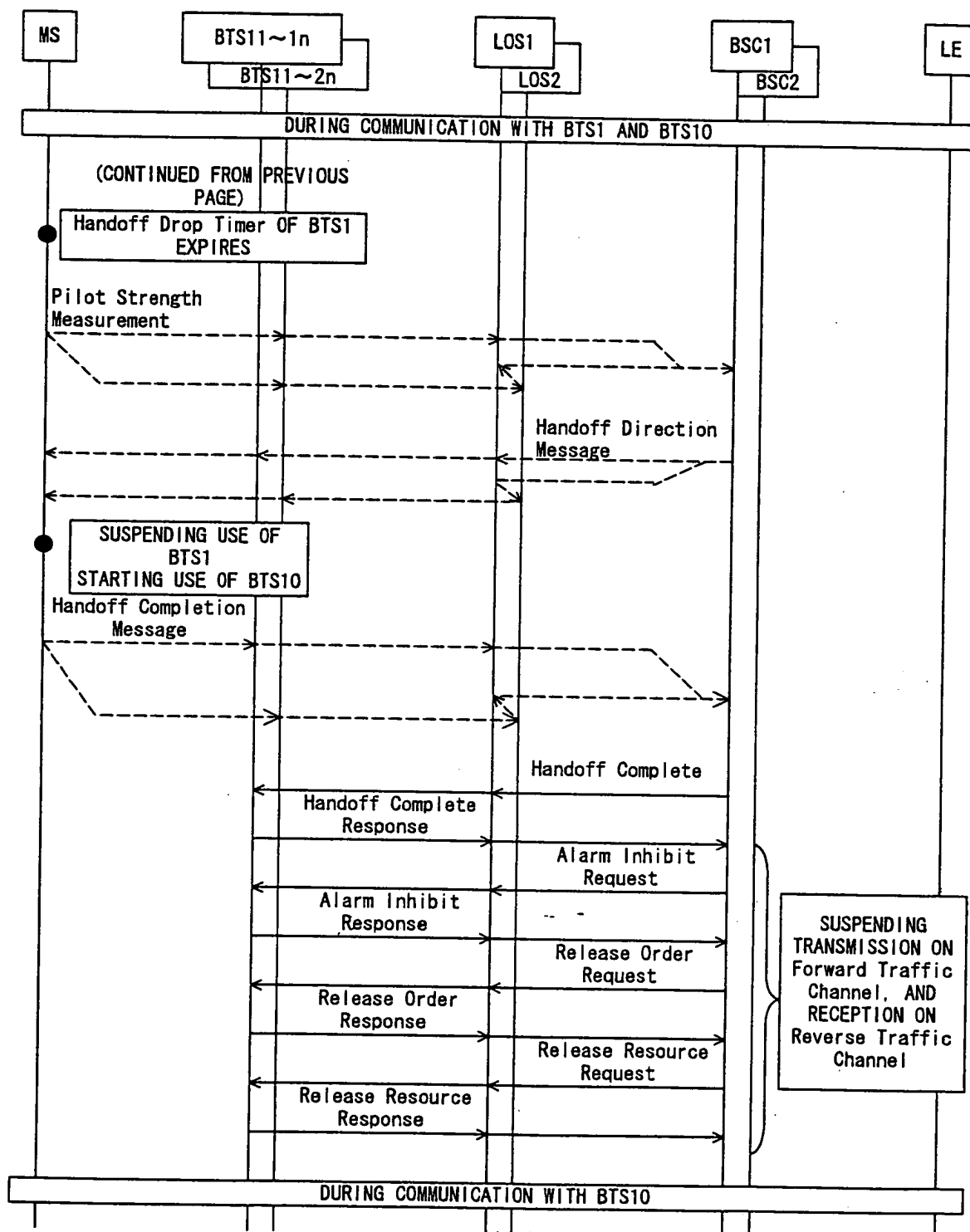


FIG. 27

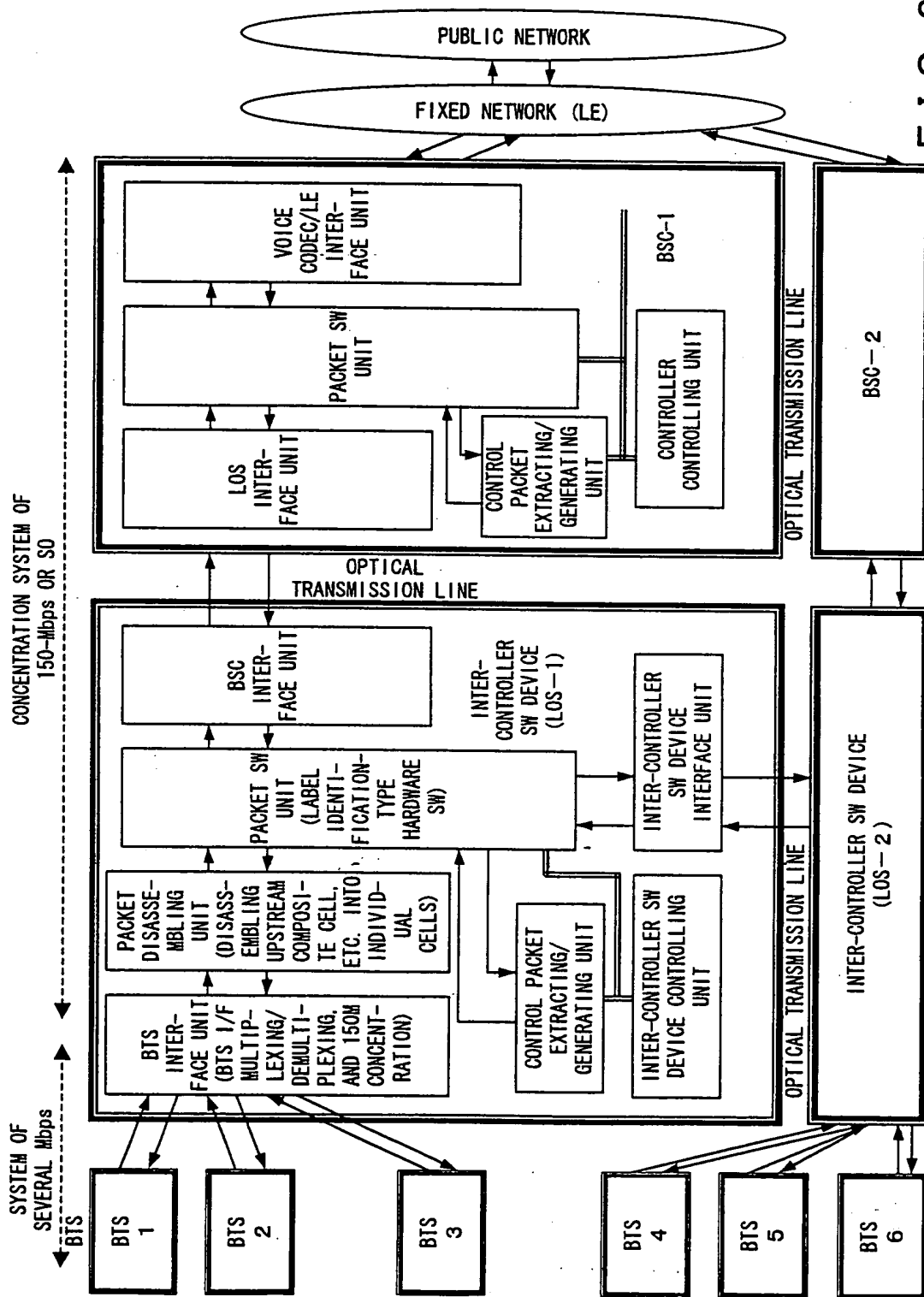


FIG. 28

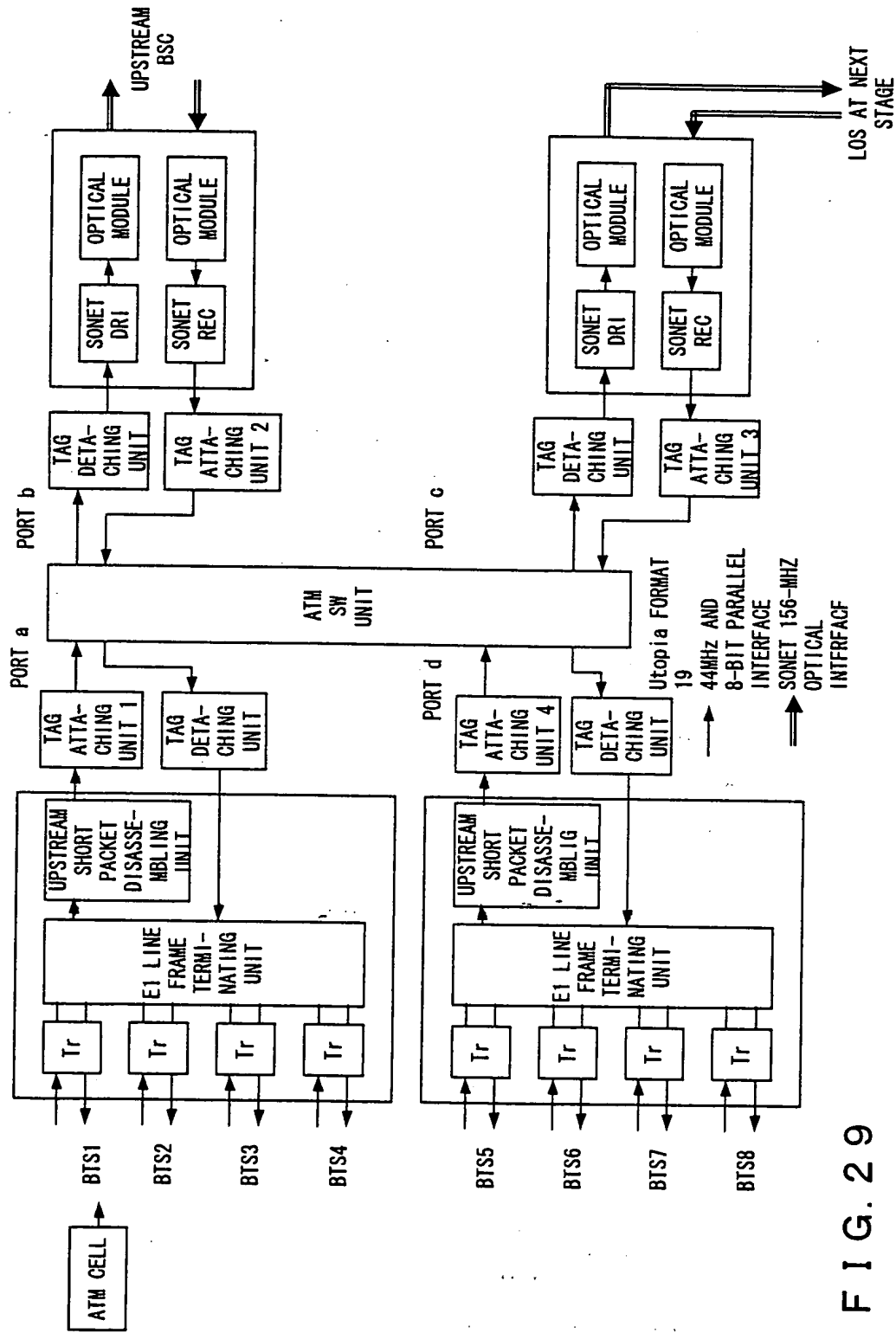


FIG. 29

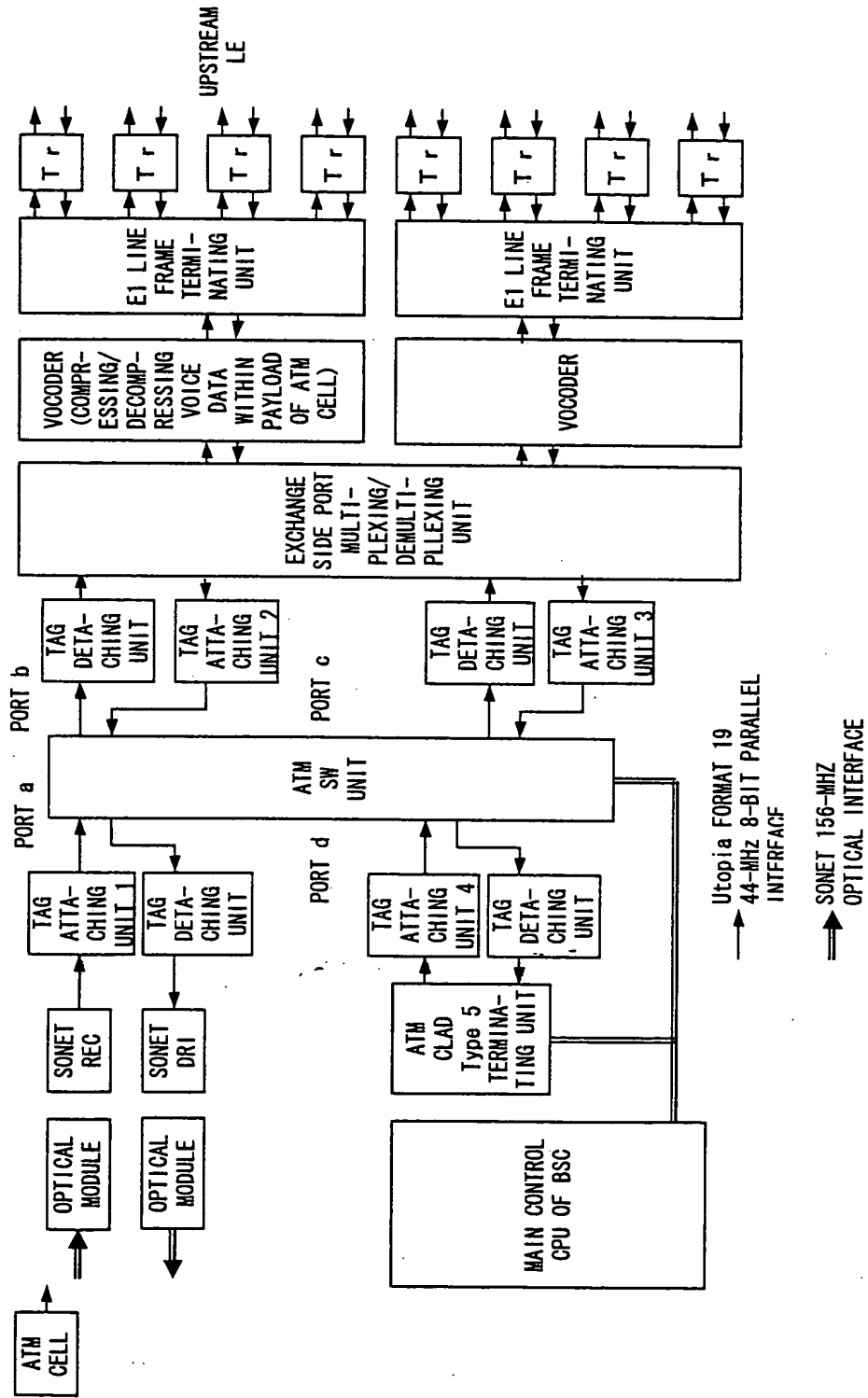


FIG. 30

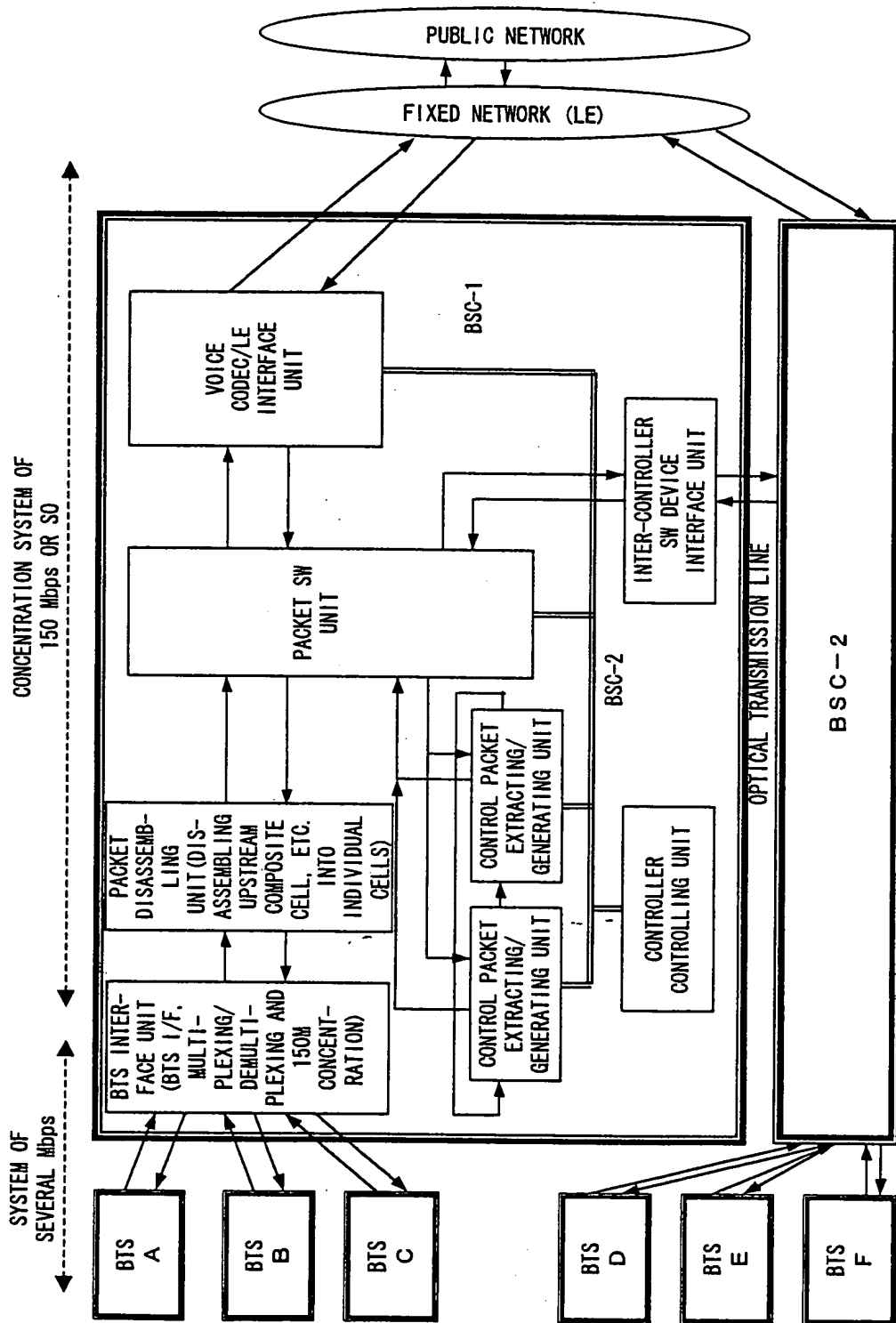
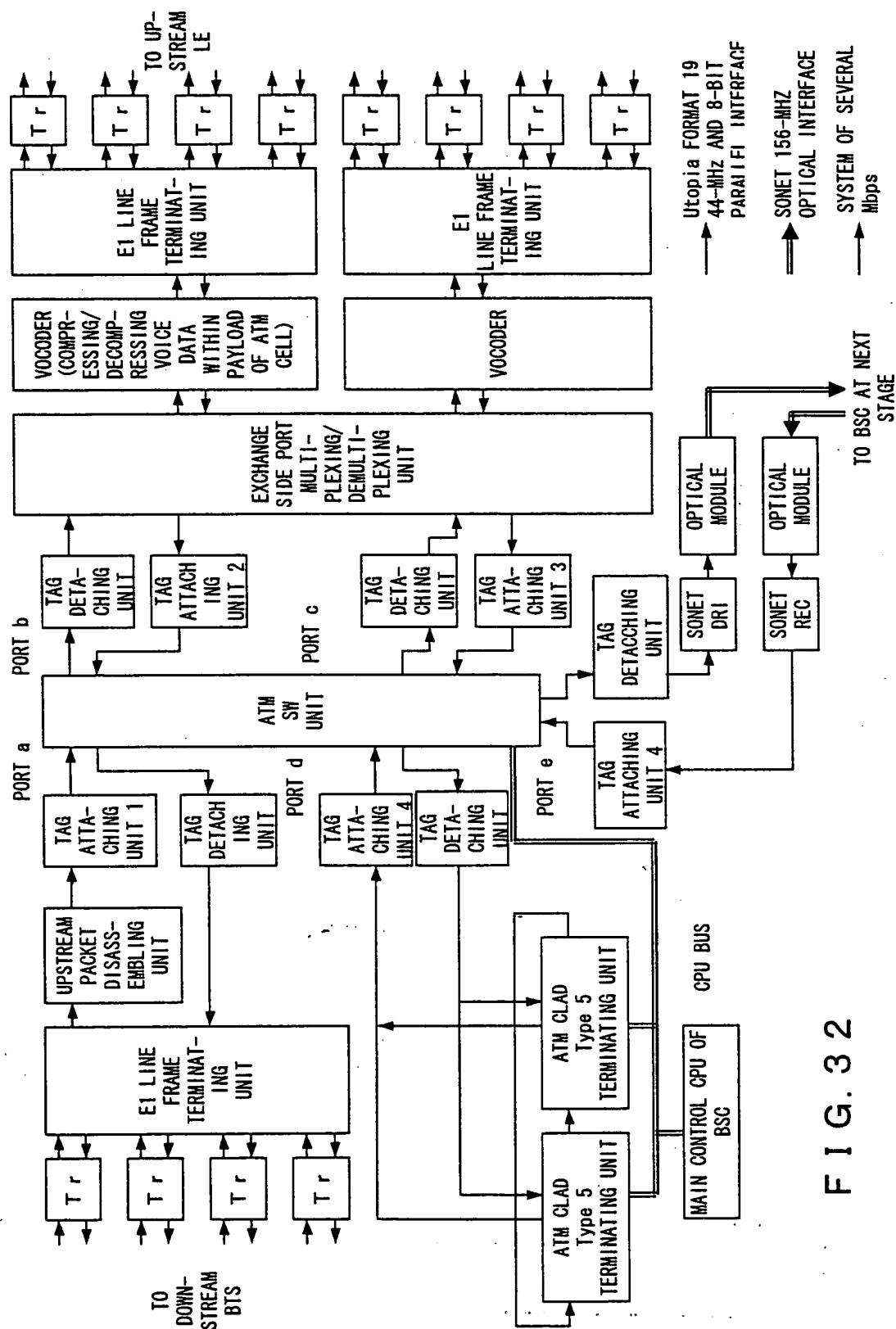


FIG. 31



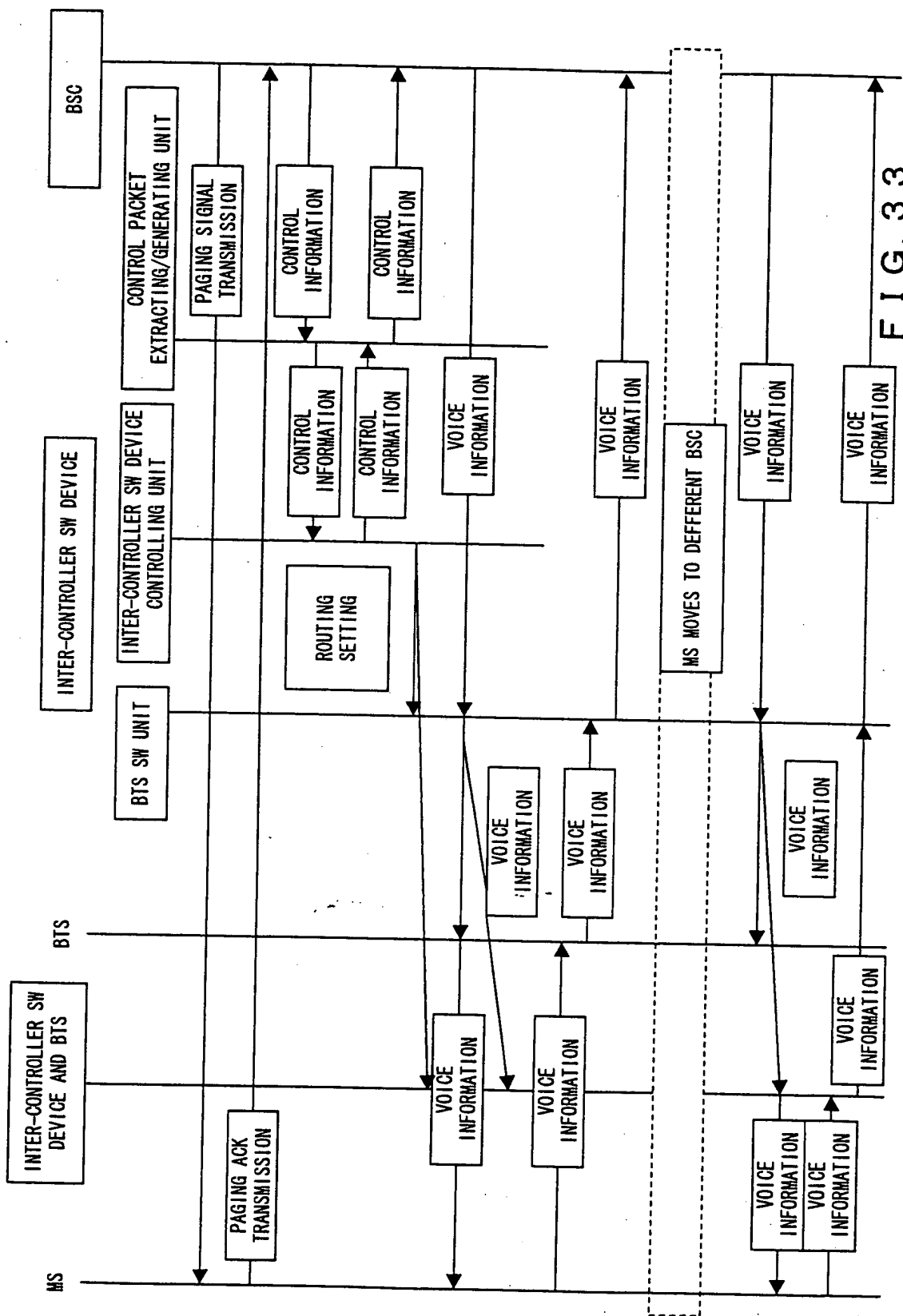


FIG. 33

